

### Abstract

Provided is a magnetic recording medium which has excellent electromagnetic characteristics in an MR head and which is suited to high-density digital recording, especially suited to reproduction in an MR head. The magnetic recording medium comprises a magnetic layer comprising a ferromagnetic powder and a binder on a nonmagnetic support. The magnetic layer has a residual magnetization  $\Phi_r$  ranging from 5 to 50 mA, and ratio ( $S_{dc}/S_{ac}$ ) of average area  $S_{dc}$  of magnetic clusters under DC magnetized condition to average area  $S_{ac}$  of magnetic clusters under AC erased condition ranges from 0.8 to 2.0.